SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A UNIVERSAL COMMUNICATION CONNECTOR

5   **ABSTRACT**

In one embodiment, a system for managing communication on a network includes a host connected to a LAN. In a particular embodiment, the host is in a mobile data acquisition unit for a well-logging operation. The host acquires data from a data acquisition device, such as a down-hole transmitter, that is also connected to the LAN.

10   There is also a router connected to the LAN for connecting to the WAN. The system, provides for easily configuring and re-configuring the router, even by a non-expert, to accommodate the variations in parameters for changing from one network interface device to another. In one aspect, the router has a configuration file for performing an initial, automatic configuration when the router is booted. The host has a processor and a

15   storage unit with a software program stored thereon. The configuring of the router by the bootable configuration file enables the router to communicate with the host program so that a user can select a network connection type using an interface of the program on the host, and the program can then further automatically configure the router with parameters for the selected connection type. Despite changes in network connections, the hosts on

20   the LAN do not have to change configuration to communicate on the WAN.

12:08 PM